



Form PT() 948 (Rev. 8-98)

REVIEWER

ATTACHMENT TO PAPER NO.

U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office

Application No. 9/50 9, 239

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

Black ink. Color. Color drawings are not acceptable until petition is granted. Fig(s) Pencit and non black ink not permitted. Fig(s) Pencit and non black ink not permitted. Fig(s) Photographs 37 CFR 1.84 (b) 1 full-tione set is required. Fig(s) Photographs not properly mounted (must use brystol board or photographic double/weight paper). Fig(s) Poor quality (half-tone). Fig(s) Paper not flexible, strong, white, and durable. Fig(s) Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Erasures, alterations overwritings, interlineations, folds, copy machine marks not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.0 cm by 29.7 cm (BlN size A4) 21.0 cm by 29.7 cm (BlN size A4) 21.0 cm by 29.7 cm (BlX size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) ———————————————————————————————————	RRANGEMENT OF VIEWS. 37 CFR 1.84(i) Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) ALE. 37 CFR 1.84(k). Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds i reproduction. Fig(s) IARACTER OF LINES, NUMBERS, & LETTERS. CFR 1.84(i) Lines, numbers & letters not uniformly thick and well defined, cleap, durable, and black (poor line quality). Fig(s) ADING. 37 CFR 1.84(m) Solid black areas pale. Fig(s)
Black ink. Color. Color drawings are not acceptable until petiton is granted. Fig(s) Pencil and non black ink not permitted. Fig(s) Pencil and non black ink not permitted. Fig(s) Pencil and non black ink not permitted. Fig(s) 1 full-tone set is required. Fig(s) Photographs not properly mounted (must use brystol board or photographic double/weight paper). Fig(s) Poor quality (half-tone). Fig(s) Poor quality (half-tone). Fig(s) Paper not flexible, strong, white, and durable. Fig(s) Paper not flexible, strong, white, and durable. Fig(s) Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (B1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) 1op (T) Right (R) Bottom (B) 13. L Views. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Pig(s) Erasured view not labeled separately or properly. Fig(s) Sectional designation should be noted with Arabic or	Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) ALE. 37 CFR 1.84(k). Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds i reproduction. Fig(s) IARACTER OF LINES, NUMBERS, & LETTERS. CFR 1.84(i) Lines, numbers & letters not uniformly thick and well defined, cleap, durable, and black (poor line quality). Fig(s) IADING. 37 CFR 1.84(m)
Fig(s) Pencil and non black ink not permitted, Fig(s) PHOTOGRAPHS. 37 CFR 1.84 (b) 1 full-tone set is required. Fig(s) Photographs not properly mounted (must use brystol board or photographic double/weight paper). Fig(s) Poor quality (half-tóne). Fig(s) Poor quality (half-tóne). Fig(s) Paper not flexible, strong, white, and durable. Fig(s) Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (B 1/2 x 11 inches) All drawing sheets not an acceptable isize. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Margins not acceptable. Fig(s) Pop (T) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) Plackets needed to show figure as one entity. Fig(s) Fig(s) Sectional designation should be noted with Arabic or	when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) ALE. 37 CFR 1.84(k). Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds i reproduction. Fig(s) IARACTER OF LINES, NUMBERS, & LETTERS. CFR 1.84(i) Lines, numbers & letters not uniformly thick and well defined, cleap, durable, and black (poor line quality). Fig(s) IADING. 37 CFR 1.84(m)
Pencil and non black ink not permitted. Fig(s) PHOTOCRAPHS. 37 CFR 1.84 (b) 1 full-tone set is required. Fig(s) Photographs not properly mounted (must use brystol board or photographs not properly mounted (must use brystol board or photographs not properly mounted (must use brystol board or photographic double/weight paper). Fig(s) Poor quality (half-tone). Fig(s) Paper not flexible, strong, white, and durable. Fig(s) Frasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm 1.eft 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm 1.eft 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) VIEWS. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Views not labeled separately or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	ALE. 37 CFR 1.84(k). Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds i reproduction. Fig(s) IARACTER OF LINES, NUMBERS, & LETTERS. CFR 1.84(i) Lines, numbers & letters not uniformly thick and well defined, cleap, durable, and black (poor line quality). Fig(s) IADING. 37 CFR 1.84(m)
PHOTOGRAPHS. 37 CFR 1.84 (b) 1 full-tone set is required. Fig(s) Photographs not properly mounted (must use brystol board or photographic double/weight paper). Fig(s) Poor quality (half-tone). Fig(s) Paper not flexible, strong, white, and durable. Fig(s) Frasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 29.7 cm (DIN size A4) 21.6 cm by 29.7 cm (B 1/2 x 11 inches) All drawing sheets not the same size. Shect(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) ———————————————————————————————————	Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds i reproduction. Fig(s) IARACTER OF LINES, NUMBERS, & LETTERS. CFR 1,84(i) Lines, numbers & letters not uniformly thick and well defined, cleap, durable, and black (poor line quality). Fig(s) IADING. 37 CFR 1.84(m)
1 full-ione set is required. Fig(s) Photographs not properly mounted (must use brystol board or photographic double/weight paper). Fig(s) Poor quality (half-tone). Fig(s) Paper not flexible, strong, white, and durable. Fig(s) Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable margins: Top 2.5 cm 1.eft 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) VIEWS. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separetely or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	crowding when drawing is reduced in size to two-thirds i reproduction. Fig(s) IARACTER OF LINES, NUMBERS, & LETTERS. CFR 1.84(i) Lines, numbers & letters not uniformly thick and well defined, cleap, durable, and black (poor line quality). Fig(s) IADING. 37 CFR 1.84(m)
Photographs not properly mounted (must use brystol board or photographic double/weight paper). Fig(s)	reproduction. Fig(s) IARACTER OF LINES, NUMBERS, & LETTERS. CFR 1,84(i) _Lines, numbers & letters not uniformly, thick and well defined, cleap, durable, and black (poor line quality). Fig(s) IADING. 37 CFR 1.84(m)
photographic double-weight paper). Fig(s) Poor quality (half-tone). Fig(s) Paper not flexible, strong, white, and durable. Fig(s) Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptable (too thin). Fig(s) SIEGO F PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Fig(s) Enlarged view not labeled separately or properly. Fig(s) Sectional designation should be noted with Arabic or	Fig(s) IARACTER OF LINES, NUMBERS, & LETTERS. CFR 1,84(i) Lines, numbers & letters not uniformly thick and well defined, cleap, durable, and black (poor line quality). Fig(s) IADING. 37 CFR 1.84(m)
Poor quality (half-tone). Fig(s) 10. G TYPE OF PAPER. 37 CFR 1.84(e) 3 Paper not flexible, strong, white, and durable. Fig(s)	IARACTER OF LINES, NUMBERS, & LETTERS. CFR 1,84(i) Lines, numbers & letters not uniformly thick and well defined, cleap, durable, and black (poor line quality). Fig(s) IADING. 37 CFR 1.84(m)
TYPE OF PAPER. 37 CFR 1.84(e) Paper not flexible, strong, white, and durable. Fig(s) Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm 1.eft 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) Parkets not labeled separately or properly. Fig(s) Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	CFR 1.84(i)
Paper not flexible, strong, white, and durable. Fig(s) Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 27.9 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A6 Size Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: B 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separetely or properly. Fig(s) Enlarged view not labeled separetely or properly. Fig(s) Enlarged view not labeled separetely or properly. Fig(s) Sectional designation should be noted with Arabic or	Lines, numbers & letters not uniformly thick and well defined, cleap, durable, and black (poor line quality). Fig(s) [ADING. 37 CFR 1.84(m)
Fig(s) Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Left (L) Right (R) Bottom (B) //IEWS. 37 CFR 1.84(h) MEMINDER: Specification may require revision to correspond to drawing changes. 14. N Prig(s) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) ECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	defined, cleap, durable, and black (poor line quality). Fig(s) ADING. 37 CFR 1.84(m)
Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) 11. S Mylar, velum paper is not accepted. Fig(s) 12. Mylar, velum paper is not acceptable (too thin). Fig(s) 12. Com by 29.7 cm (DIN size A4) 12. N 21.6 cm by 29.7 cm (DIN size A4) 12. N 21.6 cm by 27.9 cm (8 1/2 x 11 inches) 21.0 cm by 27.9 cm (8 1/2 x 11 inches) 21.0 cm by 27.9 cm (8 1/2 x 11 inches) 21.0 cm by 27.9 cm (8 1/2 x 11 inches) 21.0 cm by 27.9 cm (8 1/2 x 11 inches) 21.0 cm sizes. Sheet(s) 21.0 cm by 27.9 cm (8 1/2 x 11 inches) 21.2 cm left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.2 cm left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.2 cm left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.2 cm left 2.5 cm Right 1.5 cm Bottom 1.0 cm 21.2 cm	Fig(s) / IADING. 37 CFR 1.84(m)
folds, copy machine marks not accepted. Fig(s) Mylar, velum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) VIEWS. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separetely or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	ADING. 37 CFR 1.84(m)
Mylar, velum paper is not acceptable (too thin). Fig(s) SiZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SiZE: A4 Size Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SiZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Sectional designation should be noted with Arabic or	
Fig(s) SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Left (L) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. 214. N Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not tabeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	
SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 29.9 cm (B 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Left (L) Right (R) Bottom (B) 13. L REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Fig(s) Fig(s) Enlarged view not labeled separately or properly. Fig(s) ECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	
21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Shect(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: B 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) 13. L VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. 14. N Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separetely or properly. Fig(s) ECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	Solid black shading not permitted. Fig(s)
21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) EMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	Shade lines, pale, rough and blurred. Fig(s) JMBERS, LETTERS, & REFERENCE CHARACTERS.
All drawing sheets not the same size. Sheet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Pop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Pop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) I13. L MEMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) ECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	
Shet(s) Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Fop 2.5 cm. Left 2.5 cm. Right 1.5 cm. Bottom 1.0 cm. SIZE: A4 Size Fop 2.5 cm. Left 2.5 cm. Right 1.5 cm. Bottom 1.0 cm. SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) 13. L REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Finlarged view not labeled separetely or properly. Fig(s) ECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	CFR 1.84(p)Numbers and reference characters not plain and legible.
Drawings sheets not an acceptable size. Fig(s) MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: B 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. 14. N Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separetely or properly. Fig(s) Enlarged view not labeled separetely or properly. Fig(s) Sectional designation should be noted with Arabic or	Fig(s)
MARGINS. 37 CFR 1.84(g): Acceptable margins: Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Left (L) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) ARMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view in oil cated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	Figure legends are poor. Fig(s)
Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Fop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) 13. L REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) ECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	Numbers and reference characters not oriented in the
SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	same direction as the view. 37 CFR 1.84(p)(1)
SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	Fig(s)
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) VIEWS. 37 CFR 1.84(h) Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	English alphabet not used. 37 CFR 1.84(p)(2).
SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Right (R) Bottom (B) 13. L VIEWS. 37 CFR 1.84(h) Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Fig(s) SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	Figs
Margins not acceptable. Fig(s)	Numbers, letters and reference characters must be at leas
Right (R) Bottom (B) 13. L VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. 14. N Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) 15. N Views not tabeled separately or properly. Fig(s) 5 Enlarged view not labeled separately or properly. Fig(s) 6 ECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) 5 Sectional designation should be noted with Arabic or	.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
Right (R) Bottom (B) 13. L VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. 14. N Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) 15. N Views not tabeled separately or properly. Fig(s) 5 Enlarged view not labeled separately or properly. Fig(s) 6 ECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) 5 Sectional designation should be noted with Arabic or	Fig(s)
VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Enlarged view not labeled separately or properly. Fig(s) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	AD LINES. 37 CFR 1.84(q)
REMINDER: Specification may require revision to correspond to drawing changes. 14. No cartial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) 15. No Views not labeled separately or properly. Fig(s) 16. Correspond to the property of th	Lead lines cross each other. Fig(s)
Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig(s) Views not labeled separately or properly. Fig(s) Fig(s) ECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	- Lead lines missing. Fig(s)
Brackets needed to show figure as one entity. Fig(s)	MBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
Brackets needed to show figure as one entity. Fig(s) 15. N Views not labeled separately or properly. Fig(s) 2 Enlarged view not labeled separately or properly. Fig(s) 16. C Fig(s) 17. D Hatching not indicated for sectional portions of an object. Fig(s) 2 Sectional designation should be noted with Arabic or	_ Sheets not numbered consecutively, and in Arabic numer
Views not labeled separately or properly. Fig(s)	beginning with number 1. Sheet(s)
Fig(s) /	MBERING OF VIEWS. 37 CFR 1.84(u)
Fig(s)/	Views not numbered consecutively, and in Arabic numera
Fig(s) ECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. 17. D Fig(s) Sectional designation should be noted with Arabic or	beginning with number 1. Fig(s)
ECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. 17. D Fig(s) Sectional designation should be noted with Arabic or	PRRECTIONS. 37 CFR 1.84(w)
Hatching not indicated for sectional portions of an object. Fig(s) Sectional designation should be noted with Arabic or	Corrections not made from prior PTO-948
Fig(s) Sectional designation should be noted with Arabic or	dated
Sectional designation should be noted with Arabic or	SIGN DRAWINGS. 37 CFR 1.152
	Surface shading shown not appropriate. Fig(s)
Roman numbers. Fig(s)	Solid black shading not used for color contrast.
•	Fig(s)
	•
MMENTS	
IVIIVELI VI G	
	.e
•	y.
1	

DATE 7.17-C TELEPHONE NO. 70 10 554